

FILTRATION DEVICE FOR REPLACEABLE
FILTER MEDIA

ABSTRACT OF THE DISCLOSURE

Improved filter housing assembly including a filter housing sump assembly for seating a replaceable filter media pack therein, a filter head assembly and a fastening assembly for sealing and facilitating filter media pack replacement from the filter housing sump assembly and apparatus the filter housing sump having a central cavity and an axial opening for providing access to the central cavity, the central cavity being configured and dimensioned for receiving and seating a filter media pack therein; a filter head assembly configured and dimensioned to fit on the filter housing sump such that axial opening is covered thereby; a clamping device for sealing the filter head to the filter housing sump, the clamping device including at least two curved members, each having two ends; at least one hinge assembly, the pair of curved members being operatively pivotally attached to each other at one end by the hinge assembly; at least two tongue members, operatively positioned at the second end of the pair of curved members; and a fastening device, the fastening device being operative to force the tongues members together such that an operator can generate sufficient torque to effectuate the seal therebetween, for facilitating the installation of the filter media pack in the filter housing sump.